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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/936,301	09/12/2001	Jagmohan S Rai	36-1508	3633

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EXAMINER

PATEL, CHIRAG R

ART UNIT PAPER NUMBER

2141

DATE MAILED: 04/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/936,301

Applicant(s)

RAI ET AL.

Examiner

Chirag R. Patel

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 07 February 2006.  
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 12-30 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☒ Claim(s) 12-30 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☒ All b) ☐ Some \* c) ☐ None of:  
1. ☒ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.  
5) ☐ Notice of Informal Patent Application (PTO-152)  
6) ☐ Other: \_\_\_\_\_.

***Response to Arguments***

Applicant's arguments with respect to claims 12-30 have been considered but are moot in view of the new ground(s) of rejection. Examiner notes claims 1-11 are cancelled by the applicant. A review of the amended claim is presented below.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 12-14, and 17-22 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leung (US 6,487,605) in view of Bacso et al. – hereinafter Basco (US 2002/0112240).

As per claims 12, 19, and 21-22, Leung discloses a method of routing communications data to a mobile user located in one of a plurality of data networks by a router, the router having a data store provided with data relating to characteristics of the networks and the associations between the networks, (Col 5 lines 40-56, Figure 1A: item 6), the method comprising:

receiving mobile user location information relating to the identity of the data network to which the mobile user is currently connected; (Col 10 lines 40-53)

receiving and assembling from plural data packets communications data comprising a complete message to be sent to the mobile user, (Col 2 lines 28-52)

Although Leung discloses a mobility binding table which specifies where the mobile user is located, he fails to disclose storing associated characteristics of the network to which the user is connected, and adapting the complete message to be compatible with another presentational form and sending it to the mobile user.

Basco discloses retrieving from the store the associated characteristics of the data network to which the mobile user is currently connected, and the associations between that network and other networks, ([0057])

adapting a presentational form of the complete message so as to be compatible to another presentational form compatible with the retrieved characteristics, and disassembling the adapted message into data packets and sending the disassembled data packets to the mobile user. ([0046],[0048])

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to disclose storing associated characteristics of the network to which the user is connected, and adapting the complete message to be compatible with another presentational form and sending it to the mobile user in the disclosure of Leung. The motivation would have been to provide targeted content presentation in a communications network. ([0002])

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As per claim 13, Leung / Basco disclose a method as in claim 12, and Leung discloses wherein the router is a home agent attached to a home network. (Col 1 lines 64-65, Figure 1A; item 8)

As per claim 14, Leung / Basco disclose a method as in claim 12, and Leung discloses a method as in claim 1 wherein the communication data comprises text data. (Col 1 lines 62 – Col 2 line 3; the internet allows for sending text data.)

As per claim 17, Leung / Basco disclose a method as in claim 12, and Leung discloses wherein the adapted communications data is received by an intermediary router and re-routed to the mobile user. (Col 2 lines 28-52)

As per claim 18, Leung / Basco disclose a method as in claim 17 wherein the mobile user and the intermediary router are attached to the same one of the plurality of data networks. (Col 2 lines 28-52)

As per claim 20, Leung / Basco disclose a digital storage medium containing computer program in claim 19, and Leung discloses wherein the computer program has been downloaded from a server and stored in digital storage media. (Col 23: lines 43-63, Figure 3: item 361)

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Claims 15, 27 and 30 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leung (US 6,487,605) / Basco (US 2002/0112240) in view of Penzias (US 5,475,738)

As per claims 15, 27, and 30 Leung/Basco disclose a method as in claim 14, and Leung fails to disclose wherein the adapted communications data comprises voice data. Penzias discloses wherein the adapted communications data comprises voice data. (Col 7 lines 30-40) At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to disclose the adapted communication data as voice data in the disclosure of Leung. The motivation for doing so would have been to allow the interconnection of computer-based text messaging systems and telecommunications based voice messaging systems. (Col 1 lines 5-10)

Claims 16, 23-26, and 28-29 are rejected under 35 U.S.C. 103(a) as being unpatentable over Leung (US 6,487,605) / Basco (US 5,894,478) in view of Kikinis (US 6,553,410).

As per claim 16, Leung / Basco discloses a method as in claim 12, and Leung fails to disclose wherein the adaptation of the presentational form comprises reducing its size by summarizing the communications data. Kikinis discloses wherein the adaptation of the presentational form comprises reducing its size by summarizing the communications data. (Col 3 lines 8-18)

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to summarize data by reducing its size in the disclosure of Leung. The motivation for doing so would have been to minimize data to be transmitted to a client device from a Web server (Col 2 line 63 – Col 3 line 7).

As per claims 24, 26, and 29, Leung / Basco discloses a method as in claim 12, and Leung fails to disclose wherein the adaptation of the presentational form comprises removal of at least some of the data content. Kikinis discloses wherein the adaptation of the presentational form comprises removal of at least some of the data content. (Col 4 lines 5-15, “reduces data content” reads on the claim limitation “removal”)

At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to disclose wherein the adaptation of the presentational form comprises removal of at least some of the data content in the disclosure of Leung. The motivation for doing so would have been to minimize data to be transmitted to a client device from a Web server (Col 2 line 63 – Col 3 line 7).

As per claims 23, 25, and 28, Leung / Basco discloses a method as in claim 12. Leung fails to disclose wherein the adaptation of the presentational form comprises converting image data of the complete message in a first graphics format to another graphics format. (Col 11 lines 22-28) At the time the invention was made, it would have been obvious to a person of ordinary skill in the art to disclose wherein the adaptation of the presentational form comprises converting image data of the complete

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message in a first graphics format to another graphics format in the disclosure of Leung. The motivation for doing so would have been to allow quick and efficient integration of data with a user's device (Col 15 lines 1-17)

### ***Conclusion***

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the date of this final action.

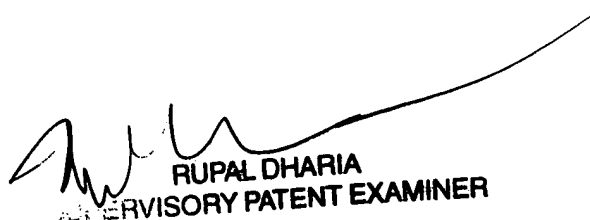
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Chirag R. Patel whose telephone number is (571)272-7966. The examiner can normally be reached on Monday to Friday from 7:30AM to 4:00PM.



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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Rupal Dharia, can be reached on (571) 272-3880. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pairedirect.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll free).



RUPAL DHARIA  
SUPERVISORY PATENT EXAMINER